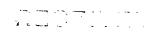


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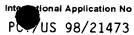


FEB 2 2 1999

INTERNATIONAL SEARCH REPORT

	INTERNATIONAL SEARCH REP	ETRANT Browninger
	(PCT Article 18 and Rules 43 and 44)	FT TE 1. 70
Applicant's or agent's file reference		Transmittal of International Search Report
UV/38 PCT	ACTION (FORM PC 17/15A/2	20) as well as, where applicable, item 5 below.
International application No.	International filing date (day/month/year)	(Earliest) Priority Date (day/month/year)
PCT/US 98/21473	13/10/1998	10/10/1997
Applicant	•	
TCI-TVGOS, INC. et al.		
This International Search Report has bee according to Article 18. A copy is being to This International Search Report consists		nority and is transmitted to the applicant
X It is also accompanied by a cop	y of each prior art document cited in this report.	
Certain claims were found un	searchable(see Box I).	
2. Unity of invention is lacking(s	see Box II).	
international search was carried	ntains disclosure of a nucleotide and/or amino dout on the basis of the sequence listing d with the international application. hished by the applicant separately from the international by a statement to the matter going beyond the disclosure in the	national application, e effect that it did not include
Tra	nscribed by this Authority	
	text is approved as submitted by the applicant text has been established by this Authority to re	ead as follows:
5. With regard to the abstract,		
the Box	text is approved as submitted by the applicant text has been established, according to Rule 3 k III. The applicant may, within one month from arch Report, submit comments to this Authority	8.2(b), by this Authority as it appears in the date of mailing of this International
6. The figure of the drawings to be pub	lished with the abstract is:	
Figure No as	suggested by the applicant.	None of the figures.
X bed	cause the applicant failed to suggest a figure.	
bec	cause this figure better characterizes the invent	ion.
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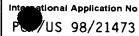
INTERNATIONAL SEARCH REPORT



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A. CLASS IPC 6	IFICATION OF SUBJECT MATTER H04N7/16				
	·				
	o International Patent Classification (IPC) or to both national classif	ication and IPC			
	SEARCHED				
IPC 6	ocumentation searched (classification system followed by classification $H04N$	ition symbols)			
Documenta	tion searched other than minimum documentation to the extent that	such documents are included in the fields	searched		
Electronic d	lata base consulted during the international search (name of data b	pase and, where practical, search terms use	ed)		
	· .				
C. DOCUM	ENTS CONSIDERED TO BE RELEVANT	<u></u>	·		
Category °	Citation of document, with indication, where appropriate, of the re	elevant nassanes	Relevant to claim No.		
	Gladion of document, with indicators, where appropriate, of the fi	elevant passages	Helevant to claim No.		
Х	EP 0 463 451 A (GEN INSTRUMENT C 2 January 1992	ORP)	1,3,4, 14,16,17		
Υ	2 Validal y 1992		5-7,		
Α			10-13, 18-20, 23,25,26 27-29		
	see column 1, line 7 - line 50 see column 2, line 51 - column 3 see column 4, line 38 - line 52 see column 8, line 39 - column 1				
		-/			
	·				
X Furth	ner documents are listed in the continuation of box C.	X Patent family members are listed	d in annex.		
° Special ca	tegories of cited documents :	"T" later document published after the int			
	ent defining the general state of the art which is not ered to be of particular relevance	or priority date and not in conflict with cited to understand the principle or the	h the application but neory underlying the		
	invention "E" earlier document but published on or after the international filing date invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to				
which	nt which may throw doubts on priority claim(s) or is cited to establish the publication date of another	involve an inventive step when the d "Y" document of particular relevance; the	ocument is taken alone		
	n or other special reason (as specified) ant referring to an oral disclosure, use, exhibition or	cannot be considered to involve an in document is combined with one or m	nventive step when the nore other such docu-		
"P" docume	neams ont published prior to the international filing date but oan the priority date claimed	. ments, such combination being obvious in the art. "&" document member of the same paten	·		
	actual completion of the international search	Date of mailing of the international se			
5	February 1999	11/02/1999			
Name and n	nailing address of the ISA European Patent Office, P.B. 5818 Patentlaan 2	Authorized officer			
-	NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Sindic, G			

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INTERNATIONAL SEARCH REPORT



C.(Continue	ation) DOCUMENTS CONSIDERED TO BE RELEVANT	7US 98/214/	-
Category °	Citation of document, with indication,where appropriate, of the relevant passages	Relevant	to claim No.
Y	HARTWIG S ET AL: "BROADCASTING AND PROCESSING OF PROGRAM GUIDES FOR DIGITAL TV" SMPTE JOURNAL, vol. 106, no. 10, October 1997, pages 727-732, XP000727504 see page 727, middle column, paragraph 2 - right-hand column, paragraph 1 see page 729, left-hand column, paragraph	1	0,13,3,26
(EP 0 758 833 A (GEN INSTRUMENT CORP) 19 February 1997 see page 2, line 21 - line 36 see page 3, line 11 - line 22 see page 4, line 55 - page 5, line 2 see page 6, line 12 - line 21	12	-7,11, 2, 3-20,25
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